

What is claimed is:

1. A compact disk (DVD) manufacturing machine, comprising:

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a turntable having eight open-side circular DVD seats, and being controlled via a central shaft to rotate and move upward and downward; and said turntable being circumferentially moved by a 10 distance equal to two said circular DVD seats each time said turntable is rotated;

15 a DVD feeder adapted to simultaneously fetch a first and a second DVD substrate from a substrate feed zone, and lay said first and said second DVD substrate on two adjacent DVD seats on said turntable in the vicinity of said DVD feeder;

20 a glue applicator including two nozzles for dispensing glue separately located above two of said DVD seats that sequentially follow said two DVD seats in the vicinity of said DVD feeder, and two elevating heads separately located below said two subsequent DVD seats;

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a DVD laminator including a movable sucker mounted  
on a pivoted arm pivotally rotatable by a motor,  
and a fixed sucker; said two suckers being located  
below two of said DVD seats that sequentially follow  
5       said two DVD seats in the vicinity of said glue  
applicator, and adapted to suck and laminate said  
first and said second DVD substrate; and

10       a DVD collecting station for drying glue dispensed  
by said glue applicator between said first and said  
second DVD substrate, and collecting a compact disk  
obtained from said first and second DVD substrates  
laminated at said DVD laminator;

15       said glue applicator being adapted to apply glue  
on said first and said second DVD substrate at the  
same time, so as to form a raised glue ring on a  
laminating surface of each of said first and second  
DVD substrates; and

20       said DVD laminator being adapted to pivotally turn  
said first DVD substrate toward said second DVD  
substrate at a high speed, and then slow down before  
said first DVD substrate gets in touch with said  
25       second DVD substrate to allow said glue rings on

said laminating surfaces of said two DVD substrates to contact with each other first, and then slow down again for said two DVD substrates to laminate; and

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10 said DVD laminator including a rotating element located below said fixed sucker and adapted to rotate said laminated DVD substrates to ensure even spreading and distribution of said applied glue between said two DVD substrates without producing blisters.

15 2. The DVD manufacturing machine as claimed in claim 1, wherein said DVD collecting station includes a four-claw arm, an ultraviolet setting zone, a high-speed rotating disk, a DVD quality inspection zone, and a DVD collecting zone; said four-claw arm being pivotally rotatable about a rotary shaft, so that a first claw of said four-claw arm is adapted to suck said laminated DVD laid in the last one of said DVD seats on said turntable, and send said laminated DVD to said high-speed rotating disk, at where said laminated DVD is sucked in place and turned at a high speed to control a thickness of 20 said glue between said two DVD substrates, and extra  
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glue is thrown out and collected for recycling; said laminated DVD at said high-speed rotating disk being fetched by a second claw of said four-claw arm to said ultraviolet setting zone for said glue 5 to set under ultraviolet rays to provide a finished DVD; and said finish DVD being sent to said quality inspection zone by said four-claw arm and then collected either at a defective product zone or said DVD collecting zone.

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3. The DVD manufacturing machine as claimed in claim 1, wherein said elevating heads of said glue applicator are adapted to elevate said first and said second DVD substrate on said DVD seats of said turntable, so that said laminating surfaces of said two DVD substrates are located just below said two nozzles; and said elevating heads being adapted to rotate said DVD substrates supported thereon, so that said glue dispensed by said nozzles on said 15 laminating surfaces form said two raised glue rings.  
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4. The DVD manufacturing machine as claimed in claim 1, wherein said movable sucker of said DVD laminator is mounted on a fixing plate connected to said 25

pivoted arm, said movable sucker being adjustably connected to a top of said fixing plate by three adjusting screws located at three angles of a triangle on said fixing plate, so that said first 5 DVD substrate sucked to said movable sucker is always in parallel with said second DVD substrate sucked to said fixed sucker when being laminated to said second DVD substrate.

10 5. The DVD manufacturing machine as claimed in claim 4, wherein said fixing plate of said DVD laminator is an adjustable fixing plate.